ABSTRACT

An apparatus for delivering a clip to close an opening through tissue includes a sheath and a carrier assembly including a clip therein that is slidable on the sheath. An actuator assembly is connectable to the sheath, and telescoping actuator members extend from the handle that are connectable to the carrier assembly for advancing the carrier assembly along the sheath. An obturator on the actuator assembly includes splines that may be deployed beyond a distal end of the sheath, and expanded to a transverse expanded configuration for positioning the sheath before deploying the clip. The actuator members include cooperating detents that selectively release the actuator members as the carrier assembly reaches predetermined positions along the sheath for deploying the clip from the carrier assembly, and that collapse the splines to allow removal of the apparatus after deploying the clip.

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